

FIG. 7

AcaNucSeq: 51 ACAACCAGAA AGATGATCAT CTATAATATT TTAATTGTTT TATTATTGGC
EcoNucSeq: 51 acaaccagaa agatgatcat ctaCaaCatt CtGatCgtAC tCCtGCtggc
PeptidSeq: M I I Y N I L I V L L L A

AcaNucSeq: 101 CATTAATACA TTGGCTAATC CAATTCTACC AGCATCACCA AATGCAACTA
EcoNucSeq: 101 cattaacCacT ttggctaata cGatCctGcc GgcatcCccG aaCgcGacCa
PeptidSeq: I N T L A N P I L P A S P N A T

AcaNucSeq: 151 TTGTTGGTGG TGAAAAAGCA TTAGCTGGTG AATGTCCATA TCAGATTTC
EcoNucSeq: 151 tCgttggCgg CGaaaaagcA CtGgctggtg aGtgCccata tcagatCtcC
PeptidSeq: I V G G E K A L A G E C P Y Q I S

AcaNucSeq: 201 TTACAATCAA GTAGTCATTT TTGTGGTGGT ACTATTCTTG ATGAATATTG
EcoNucSeq: 201 CtGcaGtcTa gtagCcaCtt Ctgtggtggt actattcttg aCgaataCtg
PeptidSeq: L Q S S S H F C G G T I L D E Y W

AcaNucSeq: 251 GATTTTAAACA GCTGCACATT GTGTTGCCGG ACAAACAGCA AGTAACTTT
EcoNucSeq: 251 gatCCtGacC gcGgcacaCt gCgtGgccgg CcaaacagcG agCaaactCt
PeptidSeq: I L T A A H C V A G Q T A S K L

AcaNucSeq: 301 CAATTCGTTA CAATAGTTTA AAACATTCAT TAGGTGGTGA AAAAATTTCT
EcoNucSeq: 301 cCattcggtta caaCagCCtG aaacaCtcaC tGggtggCga aaaGatttct
PeptidSeq: S I R Y N S L K H S L G G E K I S

AcaNucSeq: 351 GTTGCTAAAA TTTTGCACA TGAAAAATAT GATAGTTATC AAATTGATAA
EcoNucSeq: 351 gttgctaaaa ttttCgcaca tgaaaaatat gatagCtaCc aGatCgaCaa
PeptidSeq: V A K I F A H E K Y D S Y Q I D N

AcaNucSeq: 401 TGATATTGCA TTGATTAAGC TTAAATCACC TATGAAATTA AATCAGAAAA
EcoNucSeq: 401 tgaCattgcG CtgatCaagc tGaaatcCcc tatgaaGCtG aaCagaaaa
PeptidSeq: D I A L I K L K S P M K L N Q K

AcaNucSeq: 451 ATGCCAAAGC TGTTGGATTA CCAGCAAAAG GATCGGATGT AAAAGTTGGT
EcoNucSeq: 451 aCgccaaagc tgtGggCCtG ccGgcGaaag gCtcggatgt aaaagttggt
PeptidSeq: N A K A V G L P A K G S D V K V G

AcaNucSeq: 501 GATCAAGTTC GTGTTTCTGG TTGGGGTTAT CTTGAAGAAG GAAGTTATTC
EcoNucSeq: 501 gaCcaGgtGc gtgtCtctgg Ctgggggttat ctGgaagaGg gCagCtaCtc
PeptidSeq: D Q V R V S G W G Y L E E G S Y S

AcaNucSeq: 551 ATTACCATCT GAATTAAGAC GTGTTGATAT TGCTGTTGTA TCACGTAAAG
EcoNucSeq: 551 CCtGccGtct gaattaCgCc gtgttgatat CgctgtGgta tcTcgCaaag
PeptidSeq: L P S E L R R V D I A V V S R K

AcaNucSeq: 601 AATGTAATGA ATTATATTCA AAAGCTAATG CTGAAGTTAC TGATAATATG
EcoNucSeq: 601 aatgtaaCga GctGtaCtcG aaagcGaaCg ctgaagtCac CgaCaatatg
PeptidSeq: R C N E L Y S K A N A E V T D N M

AcaNucSeq: 651 ATTTGTGGTG GTGATGTTGC AAATGGTGGT AAAGATTCTT GTCAAGGTGA
EcoNucSeq: 651 atCtgCggtg gtgatgttgc GaaCggCggt aaGgaCtctt gtcaaggCga
PeptidSeq: I C G G D V A N G G K D S C Q G D

AcaNucSeq: 701 TTCTGGTGGA CCGGTTGTTG ATGTTAAAAA TAATCAAGTT GTTGGTATTG
EcoNucSeq: 701 ttctggtggG ccggtGgtCg aCgttaaaaa CaaCcaGgtt gtAggtatCg
PeptidSeq: S G G P V V D V K N N Q V V G I

AcaNucSeq: 751 TTTTCATGGG TTATGGTTGT GCACGTAAAG GTTATCCAGG TGTTTATACA
EcoNucSeq: 751 tttcAtgggg CtaCgggttgC gcacgtaaag gCtatccGgg tgtGtaCacG
PeptidSeq: V S W G Y G C A R K G Y P G V Y T

AcaNucSeq: 801 CGTGTGGTGA ATTTTATCGA TTGGATTGAA TCAAAACGTT CACAGTGATT
EcoNucSeq: 801 cgCgttggta aCtttatcga ttggattgaa tcTaaacgtA GCcagtgatt
PeptidSeq: R V G N F I D W I E S K R S Q

SEQ ID NO: 60
SEQ ID NO: 61
SEQ ID NO: 62